

CLAIMS

Having thus described our invention, what we claim as new,
and desire to secure by Letters Patent is:

5

SUB A6

1. An object type-declaration syntax comprising:
an object identifier;
an object type indicator indicating a type of an
object identified by the object identifier; and
10 a join attribute associating the object identifier
with the object type indicator.

2. The object type-declaration syntax as claimed in
claim 1, wherein the object type indicator is embedded as
15 part of the object identifier.

3. The object type-declaration syntax as claimed in
claim 1, wherein the object type indicator includes
database object type.

20

4. The object type-declaration syntax as claimed in
claim 1, wherein the object type indicator includes SQL
("SQL") database object type.

25

5. The object type-declaration syntax as claimed in
claim 1, wherein the object type indicator includes
connection ("CONN") database object type.

6. The object type-declaration syntax as claimed in
30 claim 1, wherein the object type indicator includes cursor
("CURSOR") database object type.

7. The object type-declaration syntax as claimed in
claim 1, wherein the object type indicator includes

universal resource locator ("URL") object type.

8. The object type-declaration syntax as claimed in claim 1, wherein the object type indicator includes environment ("ENV") object type.

9. The object type-declaration syntax as claimed in claim 1, wherein the object type indicator includes hypertext markup language ("HTML") object type.

10. The object type-declaration syntax as claimed in claim 1, wherein the object type indicator includes extensible markup language ("XML") object type.

11. The object type-declaration syntax as claimed in claim 1, wherein the joint attribute is concatenated to the object type indicator.

12. The object type-declaration syntax as claimed in claim 11, wherein the object identifier is concatenated to the joint attribute.

13. The object type-declaration syntax as claimed in claim 1, wherein the joint attribute is concatenated to the object identifier.

14. The object type-declaration syntax as claimed in claim 13, wherein the object type indicator is concatenated to the joint attribute.

15. The object type-declaration syntax as claimed in claim 1, wherein the object identifier includes dynamically evaluated expressions.

16. A method of declaring an object type in a programming language, comprising:

embedding an object type indicator with an object identifier name.

5

17. A method of declaring an object type in a programming language, comprising:

prepending an object type indicator with an object identifier name.

10

18. The method of declaring an object type in a programming language as claimed in claim 16, wherein the step of embedding includes:

joining the object type indicator with the object identifier name with a joint symbol.

ADD A7